

DESIGN CRITERIA/ CONSIDERATION

REFERENCES:

IS: 456 - 2000, IS: 1893 – 2002, IS: 13920 – 1993, IS: 875 – 1987 (All Parts),
SP – 16 – 1980 NBCC & Design Reference Books.

1.) BUILDING DATA :

This Structure is designed for Ground Plus --- floor. Wall thickness 230/115 and the height of the building has been considered as per architectural drawings.

2.) SOIL DATA:

Net Safe Bearing Capacity of soil is taken -- Tonnes per sqm. at a depth of --- m from the natural ground level as per soil test report no ----- dated -----..

3.) DESIGN LOADS:

Imposed loads are taken as per IS 875 (PART1).

Floor Finishing load is taken ---- Kg per sq m.

Seismic load is taken as per IS 1893 considering the structure in seismic zone ----.

4.) DESIGN DATA:

All structural members have been designed as per IS: 456-2000.

Reinforced Cement Concrete grade used M ----- having characteristic stress – -- N /Sq mm.

High yield strength TMT/deformed bars having guaranteed yield stress --- N /Sq mm. And conforming to IS:1786.

Limit State Method is adopted for designing the Structure.